

Form PTO-1390
(REV 07-2005)

ATTORNEY DOCKET NUMBER

4439-4043

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

TBA

10/581158

**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

INTERNATIONAL APPLICATION
PCT/JP2004/017428INTERNATIONAL FILING DATE
24 November 2004EARLIEST PRIORITY DATE CLAIMED
1 December 2003

TITLE OF INVENTION

NOVEL CENTROMERIC PROTEIN SHUGOSHIN

APPLICANT(S) FOR DO/EO/US

Yoshinori WATANABE

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. The US has been elected. (Article 31).
5. A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. is attached hereto (required only if not communicated by the International Bureau).
 - b. has been communicated by the International Bureau.
 - c. is not required, as the application was filed in the United States Receiving Office (RO/US).
6. An English language translation of the International application as filed (35 U.S.C. 371(c)(2))
 - a. is attached hereto (Specification: 45 pgs., Claims: 5 pgs.; Abstract: 1 pg.; and 13 Sheets of Formal Drawings (Figs. 1a-1d, 2, 3a-3d, 4a-4g, 5-6, 7a-7e, 8a-8h, 9-10, 11a-11b, 12, 13a-13d, 14-15, 16a-16d, 17a-17d, and 18)).
 - b. has been previously submitted under 35 U.S.C. 154(d)(4).
7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. are attached hereto (required only if not communicated by the International Bureau).
 - b. have been communicated by the International Bureau.
 - c. have not been made; however, the time limit for making such amendments has NOT expired.
 - d. have not been made and will not be made.
8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. An English translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98, Forms PTO-1449A and PTO-1449B, with copies of all cited references.
12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. A preliminary amendment.
14. An Application Data Sheet under 37 CFR 1.76.
15. A substitute specification.
16. A power of attorney and/or change of address letter.
17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821-1.825 with the paper copy of the sequence listings: 52 pgs. and Sequence Listing Statement.
18. A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. Other items or Information:

Copies of: PCT Request document; Forms: PCT/ISA/202; PCT/ISA/206; PCT/ISA/210; PCT/ISA/220; PCT/ISA/237; PCT/IB/301; PCT/IB/304, PCT/IB/308; and published PCT application Publication Number WO 2005/054471 A1, published on 16 June 2005.

U.S. APPLICATION NO. (if known) 10/581150		INTERNATIONAL APPLICATION NO. PCT/JP2004/017428		ATTORNEY'S DOCKET NO. 4439-4043																																																																																																																																																																
TBA				CALCULATIONS	PTO USE ONLY																																																																																																																																																															
<p>The following fees have been submitted</p> <table> <tr> <td>21. <input checked="" type="checkbox"/> Basic national fee.....</td> <td>\$300</td> <td>\$ 300</td> <td></td> </tr> <tr> <td>22. <input checked="" type="checkbox"/> Examination fee If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33 (1)-(4).....</td> <td>\$0</td> <td></td> <td></td> </tr> <tr> <td>All other situations</td> <td>\$200</td> <td>\$ 200</td> <td></td> </tr> <tr> <td>23. <input checked="" type="checkbox"/> Search fee If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1) - (4)</td> <td>\$0</td> <td></td> <td></td> </tr> <tr> <td>Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority</td> <td>\$100</td> <td></td> <td></td> </tr> <tr> <td>International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB</td> <td>\$400</td> <td></td> <td></td> </tr> <tr> <td>All other situations</td> <td>\$500</td> <td>\$ 400</td> <td></td> </tr> <tr> <td colspan="2">TOTAL OF 21, 22 and 23 =</td> <td>\$ 900</td> <td></td> <td></td> </tr> <tr> <td colspan="6"><input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.</td> </tr> <tr> <td>Total Sheets</td> <td>Extra Sheets</td> <td>Number of each additional 50 or fraction thereof (round up to a whole number)</td> <td>RATE</td> <td colspan="2"></td> </tr> <tr> <td>- 100 =</td> <td>/50 =</td> <td></td> <td>x \$250.00</td> <td colspan="2">\$-----</td> </tr> <tr> <td colspan="6">Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).</td> </tr> <tr> <td>CLAIMS</td> <td>NUMBER FILED</td> <td>NUMBER EXTRA</td> <td>RATE</td> <td colspan="2">\$</td> </tr> <tr> <td>Total claims</td> <td>48 - 20 =</td> <td>- 28</td> <td>x \$50.00</td> <td colspan="2">\$1,400</td> </tr> <tr> <td>Independent claims</td> <td>20 - 3 =</td> <td>- 17</td> <td>x \$200.00</td> <td colspan="2">\$3,400</td> </tr> <tr> <td colspan="4">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td colspan="2">+ \$360.00</td> </tr> <tr> <td colspan="4">TOTAL OF ABOVE CALCULATIONS =</td> <td colspan="2">\$6,060</td> </tr> <tr> <td colspan="6"><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by $\frac{1}{2}$.</td> </tr> <tr> <td colspan="6">SUBTOTAL = \$6,060</td> </tr> <tr> <td colspan="6">Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).</td> </tr> <tr> <td colspan="6">TOTAL NATIONAL FEE = \$6,060</td> </tr> <tr> <td colspan="6">Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property</td> </tr> <tr> <td colspan="6">TOTAL FEES ENCLOSED =</td> </tr> <tr> <td colspan="4"></td> <td>Amount to be refunded:</td> <td>\$</td> </tr> <tr> <td colspan="4"></td> <td>Amount to be charged:</td> <td>\$</td> </tr> <tr> <td colspan="6"> <p>a. <input type="checkbox"/> A check in the amount of \$_____ to cover the above fees is enclosed.</p> <p>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. 13-4500 (Order No. 4439-4043) in the amount of \$6,060 cover the above fees.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 13-4500 (Order No. 4439-4043).</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p> <p>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p> </td> </tr> <tr> <td colspan="6">SEND ALL CORRESPONDENCE TO:</td> </tr> <tr> <td colspan="6"> <p>Enter Address Here Morgan & Finnegan, L.L.P. 3 World Financial Center New York, New York 10281-2101 Tel: (212) 415-8700 Fax: (212) 415-8701</p> </td> </tr> <tr> <td colspan="6"> <p>Signature  Kenneth H. Sonnenfeld / Michael A. Willis Name Registration Nos: 33,285 / 53,913 REGISTRATION NUMBER</p> </td> </tr> </table>						21. <input checked="" type="checkbox"/> Basic national fee.....	\$300	\$ 300		22. <input checked="" type="checkbox"/> Examination fee If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33 (1)-(4).....	\$0			All other situations	\$200	\$ 200		23. <input checked="" type="checkbox"/> Search fee If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1) - (4)	\$0			Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority	\$100			International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB	\$400			All other situations	\$500	\$ 400		TOTAL OF 21, 22 and 23 =		\$ 900			<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.						Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE			- 100 =	/50 =		x \$250.00	\$-----		Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).						CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$		Total claims	48 - 20 =	- 28	x \$50.00	\$1,400		Independent claims	20 - 3 =	- 17	x \$200.00	\$3,400		MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ \$360.00		TOTAL OF ABOVE CALCULATIONS =				\$6,060		<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by $\frac{1}{2}$.						SUBTOTAL = \$6,060						Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).						TOTAL NATIONAL FEE = \$6,060						Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property						TOTAL FEES ENCLOSED =										Amount to be refunded:	\$					Amount to be charged:	\$	<p>a. <input type="checkbox"/> A check in the amount of \$_____ to cover the above fees is enclosed.</p> <p>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. 13-4500 (Order No. 4439-4043) in the amount of \$6,060 cover the above fees.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 13-4500 (Order No. 4439-4043).</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p> <p>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p>						SEND ALL CORRESPONDENCE TO:						<p>Enter Address Here Morgan & Finnegan, L.L.P. 3 World Financial Center New York, New York 10281-2101 Tel: (212) 415-8700 Fax: (212) 415-8701</p>						<p>Signature  Kenneth H. Sonnenfeld / Michael A. Willis Name Registration Nos: 33,285 / 53,913 REGISTRATION NUMBER</p>					
21. <input checked="" type="checkbox"/> Basic national fee.....	\$300	\$ 300																																																																																																																																																																		
22. <input checked="" type="checkbox"/> Examination fee If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33 (1)-(4).....	\$0																																																																																																																																																																			
All other situations	\$200	\$ 200																																																																																																																																																																		
23. <input checked="" type="checkbox"/> Search fee If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1) - (4)	\$0																																																																																																																																																																			
Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority	\$100																																																																																																																																																																			
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB	\$400																																																																																																																																																																			
All other situations	\$500	\$ 400																																																																																																																																																																		
TOTAL OF 21, 22 and 23 =		\$ 900																																																																																																																																																																		
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.																																																																																																																																																																				
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE																																																																																																																																																																	
- 100 =	/50 =		x \$250.00	\$-----																																																																																																																																																																
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).																																																																																																																																																																				
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$																																																																																																																																																																
Total claims	48 - 20 =	- 28	x \$50.00	\$1,400																																																																																																																																																																
Independent claims	20 - 3 =	- 17	x \$200.00	\$3,400																																																																																																																																																																
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ \$360.00																																																																																																																																																																
TOTAL OF ABOVE CALCULATIONS =				\$6,060																																																																																																																																																																
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by $\frac{1}{2}$.																																																																																																																																																																				
SUBTOTAL = \$6,060																																																																																																																																																																				
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).																																																																																																																																																																				
TOTAL NATIONAL FEE = \$6,060																																																																																																																																																																				
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property																																																																																																																																																																				
TOTAL FEES ENCLOSED =																																																																																																																																																																				
				Amount to be refunded:	\$																																																																																																																																																															
				Amount to be charged:	\$																																																																																																																																																															
<p>a. <input type="checkbox"/> A check in the amount of \$_____ to cover the above fees is enclosed.</p> <p>b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. 13-4500 (Order No. 4439-4043) in the amount of \$6,060 cover the above fees.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 13-4500 (Order No. 4439-4043).</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p> <p>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p>																																																																																																																																																																				
SEND ALL CORRESPONDENCE TO:																																																																																																																																																																				
<p>Enter Address Here Morgan & Finnegan, L.L.P. 3 World Financial Center New York, New York 10281-2101 Tel: (212) 415-8700 Fax: (212) 415-8701</p>																																																																																																																																																																				
<p>Signature  Kenneth H. Sonnenfeld / Michael A. Willis Name Registration Nos: 33,285 / 53,913 REGISTRATION NUMBER</p>																																																																																																																																																																				

IN THE UNITED STATES

AP20 Rec'd PCT/US
31 MAY 2006

RECEIVED
 DESIGNATED OFFICE (DO/US)
 ELECTED OFFICE (EO/US)

INTERNATIONAL APPLICATION PCT/JP2004/017428	INTERNATIONAL FILING DATE 24 November 2004	EARLIEST PRIORITY DATE CLAIMED 1 December 2003
TITLE OF INVENTION NOVEL CENTROMERIC PROTEIN SHUGOSHIN		
APPLICANT(S) FOR DO/EO/US Yoshinori WATANABE		

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

ATTN: DO/EO/US

**VERIFIED CERTIFICATION OF EXPRESS MAILING DATE
(INTERNATIONAL APPLICATION (37 CFR 1.10(c)))**

I declare that on May 31, 2006, I deposited with the United States Postal Service in an envelope "Express Mail, Post Office to Addressee", bearing Label Number **EV 826870200 US**, addressed to the Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, Attention: DO/EO/US and having an express mail certification which I executed, the following papers:

1. Transmittal Letter to the United States Designated/Elected Office;
2. English Translation of the International Application: (Specification: 45 pgs., Claims: 5 pgs.; Abstract: 1 pg.; and 13 Sheets of Formal Drawings (Figs. 1a-1d, 2, 3a-3d, 4a-4g, 5-6, 7a-7e, 8a-8h, 9-10, 11a-11b, 12, 13a-13d, 14-15, 16a-16d, 17a-17d, and 18));
3. Sequence Listing Statement;
4. Paper Copy of the Sequence Listing (52 pgs.) with a computer-readable form of the sequence listing;
5. Copies of: PCT Request document; Forms: PCT/ISA/202; PCT/ISA/206; PCT/ISA/210; PCT/ISA/220; PCT/ISA/237; PCT/IB/301; PCT/IB/304, PCT/IB/308; and published PCT application Publication Number WO 2005/054471 A1, published on 16 June 2005.
6. Return receipt postcard.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application of any patent issuing thereon.

Michael Willis

(Typed or printed name of person making this verified statement)



(Signature of person making this verified statement)

May 31, 2006
Date

(Verified Certification of Express Mailing Date (International Application) [13-12])